Composite Science and Technology **34** (1989) 385—387

CONTENTS OF VOLUME 34

Number 1

Analysis of Delamination in Compressively Loaded Laminates 1
DEIN SHAW & M. Y. TSAI (Taiwan)

Strength of Quasi-Isotropic Laminates under Off-Axis Loading 19
S. R. SWANSON & B. C. TRASK (USA)

Microbond Method for Determination of the Shear Strength of a Fiber/Resin Interface: Evaluation of Experimental Parameters 35
UMESH GAUR & BERNARD MILLER (USA)

Industrial Development of Composite Materials: Towards a Functional Appraisal 53
M. WILLINGER (France)

Scratch Hardness as an Evaluation of Cure Temperature for Glass Fibre Reinforced Polyester 73
B. J. BRISCOE & P. D. EVANS (UK)

Conference Diary 91

Number 2

Smooth Indentation of Orthotropic Beams 95
B. V. SANKAR (USA)

End Fixity Effects on the Buckling and Post-buckling of Delaminated Composites 113
G. A. KARDOMATEAS (USA)

Composites Science and Technology (**34**) (1989)—© 1989 Elsevier Science Publishers Ltd, England. Printed in Great Britain

A Mixed Mode Specimen for Interlaminar Fracture Testing 129
M. L. BENZEGGAGH, P. DAVIES, X. J. GONG, J. M. ROELANDT, M. MOURIN & Y. J. PREL (France)

Effect of Transverse Cracks on the Thermomechanical Properties of Cross-Ply Laminated Composites 145
S. G. LIM & C. S. HONG (Republic of Korea)

Studies of the Viscoelastic Behaviour of a Thermoplastic Resin Composite . 163
XINRAN XIAO (Belgium)

Conference Diary 183

Number 3

Nonlinear Deformation of Axisymmetrically Loaded Polar Orthotropic Annular Plates 187
M. GORJI (USA)

Exact Solutions for the Transient Response of Symmetric Cross-Ply Laminates Using a Higher-Order Plate Theory 205
A. A. KHDEIR & J. N. REDDY (USA)

PVC Sandwich Core Materials: Mode I Fracture Toughness 225
DAN ZENKERT & JAN BÄCKLUND (Sweden)

Fibre Deformation and Residual Thermal Stresses in Carbon Fibre Reinforced PEEK 243
R. J. YOUNG, R. J. DAY, M. ZAKIKHANI & I. M. ROBINSON (UK)

On Free-Edge Interlaminar Stress Distributions 259
E. D. REEDY, JR (USA)

Failure Mechanisms in Glassy-Metal-Reinforced Epoxy Composites . . . 267
IT-MENG LOW (New Zealand), GARY HEWITT, YIU-WING MAI & CATHY FOLEY (Australia)

Conference Diary 285

Number 4

Continuous Micro-indenter Push-through Technique for Measuring Interfacial Shear Strength of Fiber Composites 289
A. N. NETRAVALI, D. STONE, S. RUOFF & L. T. T. TOPOLESKI (USA)

Impact Resistance and Energy Absorption Mechanisms in Hybrid Composites . 305
B. Z. JANG, L. C. CHEN, C. Z. WANG, H. T. LIN & R. H. ZEE (USA)

Prediction of Viscoelastic Properties of Glass/Ether-Amide Block Copolymer Composite Materials 337
C. DOAN, J. F. GÉRARD, P. HAMELIN, G. MERLE & M. XIE (France)

The Surface of Carbon Fibres Continuously Treated by Cold Plasma . . 353
SUN MUJIN, HU BAORONG, WU YISHENG, TANG YING, HUANG WEIQIU & DA YOUXIAN (People's Republic of China)

Growth of Delamination Cracks Due to Bending in a $[90_5/0_5/90_5]$ Laminate . 365
C. T. SUN & M. G. MANOHARAN (USA)

Conference Diary 379

Subject Index 382

Author Index 384